



**APPLICANT INFORMATION**

**Applicant Authority Type::** Inventor

**Primary Citizenship**

**Country::** Japan

**Status::** Full Capacity

**Given Name::** Yoshiyuki

**Middle Name::**

**Family Name::** Sugahara

**Name Suffix::**

**City of Residence::** Toon-shi

**State or Province of Residence::** Ehime

**Country of Residence::** Japan

**Street of mailing address::** c/o Panasonic Shikoku  
Electronics co., Ltd.  
2131-1, Minamigata

**City of mailing address::** Toon-shi

**State or Province of mailing address::** Ehime

**Country of mailing address::** Japan

**Postal or Zip Code of mailing address::** 791-0395

Applicant Authority Type:: Inventor  
Primary Citizenship  
Country:: Japan  
Status:: Full Capacity  
Given Name:: Keiichi  
Middle Name::  
Family Name:: Osaka  
Name Suffix::  
City of Residence:: Toon-shi  
State or Province of  
Residence:: Ehime  
Country of Residence:: Japan  
Street of mailing address:: c/o Panasonic Shikoku  
Electronics co., Ltd.  
2131-1, Minamigata  
City of mailing address:: Toon-shi  
State or Province of  
mailing address:: Ehime  
Country of mailing address:: Japan  
Postal or Zip Code of  
mailing address:: 791-0395

Applicant Authority Type:: Inventor  
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Country:: Japan  
Status:: Full Capacity  
Given Name:: Taisuke  
Middle Name::  
Family Name:: Miyoshi  
Name Suffix::  
City of Residence:: Toon-shi  
State or Province of  
Residence:: Ehime  
Country of Residence:: Japan  
Street of mailing address:: c/o Panasonic Shikoku  
Electronics co., Ltd.  
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City of mailing address:: Toon-shi  
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**CORRESPONDENCE INFORMATION****Correspondence Customer Number:: 53067****REPRESENTATIVE INFORMATION****Representative Customer Number:: 53067****DOMESTIC PRIORITY INFORMATION**

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	National Stage of	PCT/JP2005/000595	01/19/05

**FOREIGN PRIORITY INFORMATION**

Country::	Application number::	Filing Date::	Priority Claimed::
Japan	2004-015011	01/23/04	Yes

**ASSIGNEE INFORMATION**

Assignee Name: Matsushita Electric Industrial Co., Ltd.  
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City of mailing address:: Kadoma-shi  
State or Province of mailing address:: Osaka  
Country of mailing address:: Japan  
Postal or Zip Code of mailing address:: 571-8501